

C²

1. (Amended) A cell line comprising a stably integrated recombinant nucleic acid construct comprising: a reporter gene operably linked to a recognition sequence for a sequence-specific DNA-binding protein; and a stably integrated recombinant nucleic acid construct comprising a sequence encoding a fusion protein, said fusion protein comprising a sequence-specific DNA binding domain, wherein said DNA binding domain specifically binds said recognition sequence, and a conditionally active transactivation domain of CHOP, wherein binding of said fusion protein to said recognition sequence results in transactivation of said reporter gene when said transactivation domain fused to said DNA binding domain is activated, and wherein said sequence-specific DNA binding domain of said fusion protein is located upstream of said conditionally active transactivation domain of CHOP.

Pending claims

Claims 1 to 26 are pending. Claims 10-23, 25, and 26 are withdrawn from consideration, and claim 1 is amended. Upon entry of this Amendment and Response, claims 1-9 and 24 are presented for examination. No new matter is added by this amendment. Support for the amended is found throughout the specification, and at least in Figure 5.

The present invention relates to a cell line comprising a stably integrated recombinant nucleic acid construct comprising: a reporter gene operably linked to a recognition sequence for a sequence-specific DNA-binding protein such as GAL4 or LexA; and a stably integrated recombinant nucleic acid construct comprising a sequence encoding a fusion protein comprising a conditionally active transactivation domain of the transcription protein CHOP located downstream from a sequence-specific DNA binding domain such as GAL4 or LexA, wherein the DNA binding domain specifically binds to the recognition sequence, and wherein the binding of the fusion protein to the recognition sequence results in transactivation of the reporter gene when the transactivation domain fused to the DNA binding domain is activated.

Rejection of Claims 1-9 and 24 Under 35 U.S.C. § 112 Second Paragraph